

General and Classified Index

COMBUSTION, Volume Forty-Three, July 1971 Through June 1972

EDITORIALS

Energy Sources—And the Role of Priorities	Feb. 1972	5
Environmental Control	Oct. 1971	7
Gas Turbine, The	Apr. 1972	9
If You Can't --	May 1972	3
Letter to the Editor	Sept. 1971	5
New Leaf, A	Jan. 1972	5
Nuclear Power Program, The: Still Holding	June 1972	5
Prometheus Bound—Again?	Aug. 1971	5
Putting the Cart before the Horse	Mar. 1972	5
R&D and the Utility Industry	Nov. 1971	11
Research Priorities	July 1971	9
This Month's Special—Fuel	Dec. 1971	7

AUTHORS

Abbatiello, A. A.—Problems with HFIR Control Rod Drives and Their Solutions, American Power Conf. (A. P. Fraas)	July 1971	20
Abdullaev, K. M.—Water Conditions in High Pressure Steam Generators When Condensers Are Cooled by Sea Water. (K. A. Bragina and I. A. Malakhov)	Feb. 1972	24
Anderson, T. D.—Potential for Upgrading LWR's with Metallic Uranium Fuel, American Power Conf. (J. E. Jones, Jr., C. M. Podeweltz and F. G. Welfare)	July 1971	22
Anson, D.—Carbon Monoxide as a Combustion Control Parameter. (W. H. N. Clarke, A. T. S. Cunningham and P. Todd)	Mar. 1972	17
Aoyama, H.—The Behavior of Ammonia in the Air Cooling Zone of Large Size Utility Unit Condensers and Methods of Preventing Ammonia Attacks, American Power Conf. (N. Iwai and M. Miyazaki)	Aug. 1971	19
Armstrong, Ellis L.—Summary—Energy Policy Issues for the United States During the Seventies	Dec. 1971	38
Arvidsson, F. L.—Operating Experience with Large Industrial Utility Gas Turbines. (K. T. E. Thoren)	July 1971	34
Atwood, K. L.—A Method for Determining Need for Chemical Cleaning of High Pressure Boilers, American Power Conf. (G. L. Hale)	Aug. 1971	18
Averitt, Paul—Coal Resources of the United States, January 1, 1967	Dec. 1971	9
Barron, A. V., Jr.—Particulate and SO ₂ Control Technology for the Small and Medium Coal-Fired Boiler	Oct. 1971	44
Behnke, Wallace B.—Status Report—U.S. LMFB Program. (Milton Shaw, James E. Watson)	June 1972	22
Bennett, R. R.—Meeting Environmental Needs—Air Quality, Sound Control and Esthetics	Oct. 1971	12
Bierman, George F.—Characteristics, Classification and Incidence of Plumes from Large Natural Draft Cooling Towers. (George A. Kunder, Joseph F. Sebald and Robert F. Visbisky)	Oct. 1971	25
Bertrand, Rene R.—Instrumentation Available for the Measurement of Particulates, Sulfur Dioxide and Nitrogen Ox-		

ides in the Ambient Atmosphere. (Norman L. Morrow and Homer J. Hall)	Oct. 1971	32
Bliss, Henry E.—Experience in Licensing of Nuclear Power Plants. (Wayne L. Stiede)	June 1972	14
Borio, R. W.—Coal-Ash Composition as Related to High Temperature Fireside Corrosion and Sulfur Oxides Emission Control, ASME Annual Meeting. (R. P. Hensel)	Feb. 1972	18
Boxer, L. W.—Uranium Resources, Production and Demand	Dec. 1971	24
Bragina, K. A.—Water Conditions in High Pressure Steam Generators When Condensers Are Cooled by Sea Water. (K. M. Abdullaev and I. A. Malakhov)	Feb. 1972	24
Burley, E. L.—Performance of Internal Steam Separation System in Boiling Water Reactor, American Power Conf.	July 1971	21
Carle, R.—French Fast Breeders. (G. Vendryes)	June 1972	44
Clarke, W. H. N.—Carbon Monoxide as a Combustion Control Parameter. (D. Anson, A. T. S. Cunningham and P. Todd)	Mar. 1972	17
Crandall, Willard A.—Particulate Matter?	Oct. 1971	15
Crandall, Willard A.—Determining Concentration and Nature of Particle Matter in Stack Gases, ASME Annual Meeting	Mar. 1971	22
Cunningham, A. T. S.—Carbon Monoxide as a Combustion Control Parameter. (D. Anson, W. H. N. Clarke and P. Todd)	Mar. 1972	17
Daman, E. L.—Steam Generator Development for a Proposed 350 MWe Liquid Metal Fast Breeder Reactor Demonstration Plant, ASME Annual Meeting. (W. D. Stevens, E. L. Zebroski and F. E. Tippets)	Jan. 1972	24
Davis, J. R.—Operation of EBR-II as Irradiation Facility, American Power Conf. (W. H. Perry)	July 1971	23
Deming, N. R.—Nonradioactive Tracer for Performance Tests of Steam Turbines in PWR Systems, ASME Annual Meeting. (R. W. Feldman)	Mar. 1973	21
Dicks, J. B.—Review of MHD Power Situation, ASME Annual Meeting	Feb. 1972	20
Dieker, E. V.—Two Years Experience in Handling and Burning No. 6 Low Sulfur Fuel Oil	Jan. 1972	34
Downs, W.—New Particle Size Measuring Probe—Application to Aerosol Collector and Emissions Evaluation, ASME Annual Meeting. (S. S. Strom)	Mar. 1972	21
Draper, R. G.—Fireside Corrosion and Pollutant Emission from Crude Oil Combustion, ASME Annual Meeting. (G. K. Lee, E. R. Mitchell, and F. D. Friedrich)	Feb. 1972	17
Eggers, Philip E.—The "Unitized" Thermoelectric Module Concept, ASME Annual Meeting	Feb. 1972	19
Ehrlich, Shelton—Air Pollution Control Through New Combustion Processes	Aug. 1971	36
Ellison, W.—Control of Air and Water Pollution from Municipal Incinerators with the Wet-Approach Venturi Scrubber	Aug. 1971	29

General and Classified Index

COMBUSTION, Volume Forty-Three, July 1971 Through June 1972

EDITORIALS

Energy Sources—And the Role of Priorities	Feb. 1972	5
Environmental Control	Oct. 1971	7
Gas Turbine, The	Apr. 1972	9
If You Can't --	May 1972	3
Letter to the Editor	Sept. 1971	5
New Leaf, A	Jan. 1972	5
Nuclear Power Program, The: Still Holding	June 1972	5
Prometheus Bound—Again?	Aug. 1971	5
Putting the Cart before the Horse	Mar. 1972	5
R&D and the Utility Industry	Nov. 1971	11
Research Priorities	July 1971	9
This Month's Special—Fuel	Dec. 1971	7

AUTHORS

Abbatiello, A. A.—Problems with HFIR Control Rod Drives and Their Solutions, American Power Conf. (A. P. Fraas)	July 1971	20
Abdullaev, K. M.—Water Conditions in High Pressure Steam Generators When Condensers Are Cooled by Sea Water. (K. A. Bragina and I. A. Malakhov)	Feb. 1972	24
Anderson, T. D.—Potential for Upgrading LWR's with Metallic Uranium Fuel, American Power Conf. (J. E. Jones, Jr., C. M. Podeweltz and F. G. Welfare)	July 1971	22
Anson, D.—Carbon Monoxide as a Combustion Control Parameter. (W. H. N. Clarke, A. T. S. Cunningham and P. Todd)	Mar. 1972	17
Aoyama, H.—The Behavior of Ammonia in the Air Cooling Zone of Large Size Utility Unit Condensers and Methods of Preventing Ammonia Attacks, American Power Conf. (N. Iwai and M. Miyazaki)	Aug. 1971	19
Armstrong, Ellis L.—Summary—Energy Policy Issues for the United States During the Seventies	Dec. 1971	38
Arvidsson, F. L.—Operating Experience with Large Industrial Utility Gas Turbines. (K. T. E. Thoren)	July 1971	34
Atwood, K. L.—A Method for Determining Need for Chemical Cleaning of High Pressure Boilers, American Power Conf. (G. L. Hale)	Aug. 1971	18
Averitt, Paul—Coal Resources of the United States, January 1, 1967	Dec. 1971	9
Barron, A. V., Jr.—Particulate and SO ₂ Control Technology for the Small and Medium Coal-Fired Boiler	Oct. 1971	44
Behnke, Wallace B.—Status Report—U.S. LMFB Program. (Milton Shaw, James E. Watson)	June 1972	22
Bennett, R. R.—Meeting Environmental Needs—Air Quality, Sound Control and Esthetics	Oct. 1971	12
Bierman, George F.—Characteristics, Classification and Incidence of Plumes from Large Natural Draft Cooling Towers. (George A. Kunder, Joseph F. Sebald and Robert F. Visbisky)	Oct. 1971	25
Bertrand, Rene R.—Instrumentation Available for the Measurement of Particulates, Sulfur Dioxide and Nitrogen Ox-		

ides in the Ambient Atmosphere. (Norman L. Morrow and Homer J. Hall)	Oct. 1971	32
Bliss, Henry E.—Experience in Licensing of Nuclear Power Plants. (Wayne L. Stiede)	June 1972	14
Borio, R. W.—Coal-Ash Composition as Related to High Temperature Fireside Corrosion and Sulfur Oxides Emission Control, ASME Annual Meeting. (R. P. Hensel)	Feb. 1972	18
Boxer, L. W.—Uranium Resources, Production and Demand	Dec. 1971	24
Bragina, K. A.—Water Conditions in High Pressure Steam Generators When Condensers Are Cooled by Sea Water. (K. M. Abdullaev and I. A. Malakhov)	Feb. 1972	24
Burley, E. L.—Performance of Internal Steam Separation System in Boiling Water Reactor, American Power Conf.	July 1971	21
Carle, R.—French Fast Breeders. (G. Vendryes)	June 1972	44
Clarke, W. H. N.—Carbon Monoxide as a Combustion Control Parameter. (D. Anson, A. T. S. Cunningham and P. Todd)	Mar. 1972	17
Crandall, Willard A.—Particulate Matter?	Oct. 1971	15
Crandall, Willard A.—Determining Concentration and Nature of Particle Matter in Stack Gases, ASME Annual Meeting	Mar. 1971	22
Cunningham, A. T. S.—Carbon Monoxide as a Combustion Control Parameter. (D. Anson, W. H. N. Clarke and P. Todd)	Mar. 1972	17
Daman, E. L.—Steam Generator Development for a Proposed 350 MWe Liquid Metal Fast Breeder Reactor Demonstration Plant, ASME Annual Meeting. (W. D. Stevens, E. L. Zebroski and F. E. Tippets)	Jan. 1972	24
Davis, J. R.—Operation of EBR-II as Irradiation Facility, American Power Conf. (W. H. Perry)	July 1971	23
Deming, N. R.—Nonradioactive Tracer for Performance Tests of Steam Turbines in PWR Systems, ASME Annual Meeting. (R. W. Feldman)	Mar. 1973	21
Dicks, J. B.—Review of MHD Power Situation, ASME Annual Meeting	Feb. 1972	20
Dieker, E. V.—Two Years Experience in Handling and Burning No. 6 Low Sulfur Fuel Oil	Jan. 1972	34
Downs, W.—New Particle Size Measuring Probe—Application to Aerosol Collector and Emissions Evaluation, ASME Annual Meeting. (S. S. Strom)	Mar. 1972	21
Draper, R. G.—Fireside Corrosion and Pollutant Emission from Crude Oil Combustion, ASME Annual Meeting. (G. K. Lee, E. R. Mitchell, and F. D. Friedrich)	Feb. 1972	17
Eggers, Philip E.—The "Unitized" Thermoelectric Module Concept, ASME Annual Meeting	Feb. 1972	19
Ehrlich, Shelton—Air Pollution Control Through New Combustion Processes	Aug. 1971	36
Ellison, W.—Control of Air and Water Pollution from Municipal Incinerators with the Wet-Approach Venturi Scrubber	Aug. 1971	29

		Page			Page
Farber, Erich A.— <i>Highlights of 1971 International Solar Energy Society Meeting</i> , ASME Annual Meeting.	Feb.	1972	19	Lee and W. E. Young)	Feb. 1972 17
Feldman, R. W.— <i>Nonradioactive Tracer for Performance Tests of Steam Turbines in PWR Systems</i> , ASME Annual Meeting. (N. R. Deming)	Mar.	1972	21	Hutchings, J. L.— <i>Reliability in Industrial Boiler Design</i> , American Power Conf. (J. F. Metzendorf)	Aug. 1971 27
Fidrych, L. F.— <i>Description of 350 MWe Liquid Metal Fast Breeder Demonstration Plant</i> , American Power Conf.	July	1971	24	Iwai, N.— <i>The Behavior of Ammonia in the Air Cooling Zone of Large Size Utility Unit Condensers and Methods of Preventing Ammonia Attacks</i> , American Power Conf. (H. Aoyama and M. Miyazaki)	Aug. 1971 19
Fink, Charles R.— <i>Tuned Floating Platform for Off-Shore Siting of Bulk Power Facilities</i> , ASME Annual Meeting. (John F. Holmes)	Feb.	1972	21	Jackson, Franklin R.— <i>Peaking Power-Combustion Turbines and Steam Generators</i> . (John T. Pavel and John N. Kovacic)	Sept. 1971 17
Fortescue, P.— <i>Fast Breeder Reactors with Direct Cycle Gas Turbines</i> , American Power Conf. (G. Melese-d'Hospital)	July	1971	20	Jacobi, W. M.— <i>Westinghouse Liquid Metal Fast Breeder Reactor Demonstration Plant Design</i> , American Power Conf.	July 1971 25
Foster-Pegg, R. W.— <i>Proposed Gas Turbine Procurement Standard: Maintenance Considerations</i>	Apr.	1972	44	Jacobson, Norman H.— <i>Nuclear News Industry Report—1971-72</i>	June 1972 6
Fox, G. L.— <i>Fast Breeder Reactor Vessel Analysis</i> , American Power Conf.	July	1971	21	Jaye, S.— <i>High Temperature Gas-Cooled Reactor Fuel Costs Today and Tomorrow</i> , ASME Annual Meeting. (D. H. Lee, Jr.)	Jan. 1972 22
Fraas, A. P.— <i>A Potassium-Steam Binary Vapor Cycle for Better Fuel Economy and Reduced Thermal Pollution</i> , ASME Annual Meeting.	Feb.	1972	23	Jones, J. E., Jr.— <i>Potential for Upgrading LWR's with Metallic Uranium Fuel</i> , American Power Conf. (T. D. Anderson, C. M. Podeweltz, F. G. Welfare)	July 1971 22
Fraas, A. P.— <i>Problems with HFIR Control Rod Drives and Their Solutions</i> , American Power Conf. (A. A. Abbatiello)	July	1971	20	Jones, W. E.— <i>Low Temperature Rise Condensers</i> . (J. M. Long)	Sept. 1971 27
Friedrich, F. D.— <i>Fireside Corrosion and Pollutant Emission from Crude Oil Combustion</i> , ASME Annual Meeting. (G. K. Lee, E. R. Mitchell and R. G. Draper)	Feb.	1972	17	Kaiser, H. J.— <i>Large Circulating Pumps for Applications in Power Generating Stations</i>	Sept. 1971 12
Friedrich, F. D.— <i>Combustion and Fouling Characteristics of Two Canadian Lignites</i> , ASME Annual Meeting. (G. K. Lee and E. R. Mitchell)	Feb.	1972	18	Kennedy, Edwin L.— <i>An Approach to Energy Financing</i>	Dec. 1971 35
Gallaer, Charles A.— <i>Practical Problems in Efficiency Testing of Large Fly-Ash Precipitators</i> , ASME Annual Meeting.	Mar.	1972	22	Kent, Clifford E.— <i>Nuclear Plant Environmental Control</i> , American Power Conf. (James M. Smith)	July 1971 26
Gaucher, Leon P.— <i>The Solar Era—A Preview</i> , ASME Annual Meeting.	Feb.	1972	19	Keogh, F. G.— <i>On-Load Cleaning of Steam Turbine Blading</i>	Nov. 1971 12
Gilmartin, R. P.— <i>Preparing Low Sulfur Residual Fuel Oils</i>	May	1972	29	Kinyon, B. W.— <i>Steam Generator Utilizing Steam Boundary to Transfer Heat from Sodium to Evaporating Water</i> , American Power Conf. (N. D. Romanos and G. A. Rutledge)	July 1971 19
Goldstein, Carl— <i>The Who, What, Why, When and Where of the Fast Breeder Reactor</i>	June	1972	19	Klein, H. A.— <i>A Field Survey of Internal Boiler Tube Corrosion in High Pressure Utility Boilers</i> , American Power Conf. (J. A. Lux, W. L. Reidel, D. F. Noll and H. Phillips)	Aug. 1971 21
Gratton, C. P.— <i>International Developments in Alternative Coolant Fast Breeder Reactors</i>	June	1972	38	Kovacic, John N.— <i>Peaking Power-Combustion Turbines and Steam Generators</i> . (Franklin R. Jackson and John T. Pavel)	Sept. 1971 17
Greco, Joseph— <i>Operating and Maintenance Problems Encountered with Electrostatic Precipitators</i> , American Power Conf. (William A. Wynot)	Aug.	1971	22	Krost, H.— <i>Combined Start-up, Pressure Reduction and Safety Valves for Big Power Plant Sets</i> . (K. Kuckelhaus and J. Sulliga)	Sept. 1971 32
Greenwood, R. W.— <i>Utilities Planning for a New Industrial Chemical Complex</i>	Nov.	1971	26	Kuckelhaus, K.— <i>Combined Start-up, Pressure Reduction and Safety Valves for Big Power Plant Sets</i> . (H. Krost and J. Sulliga)	Sept. 1971 32
Hale, G. L.— <i>A Method for Determining Need for Chemical Cleaning of High Pressure Boilers</i> , American Power Conf. (K. L. Atwood)	Aug.	1971	18	Kunder, George A.— <i>Characteristics, Classification and Incidence of Plumes from Large Natural Draft Cooling Towers</i> . (George F. Bierman, Joseph F. Sebold and Robert F. Visbisky)	Oct. 1971 25
Hall, Homer J.— <i>Instrumentation Available for the Measurement of Particulates, Sulfur Dioxide and Nitrogen Oxides in the Ambient Atmosphere</i> . (Norman L. Morrow and Rene R. Bertrand)	Oct.	1971	33	Lee, D. H., Jr.— <i>High Temperature Gas-Cooled Reactor Fuel Costs Today and Tomorrow</i> , ASME Annual Meeting. (S. Jaye)	Jan. 1972 22
Hensel, R. P.— <i>Coal-Ash Composition as Related to High Temperature Fireside Corrosion and Sulfur Oxides Emission Control</i> , ASME Annual Meeting. (R. W. Borio)	Feb.	1972	18	Lee, G. K.— <i>Fireside Corrosion and Pollutant Emission from Crude Oil Combustion</i> , ASME Annual Meeting. (E. R. Mitchell, F. D. Friedrich and R. C. Draper)	Feb. 1972 17
Herrick, Richard L.— <i>Specification Requirements for Electrostatic Precipitators</i>	Oct.	1971	20	Combustion and Fouling Characteristics of Two Canadian Lignites, ASME Annual Meeting. (F. D. Friedrich and E. R. Mitchell)	Feb. 1972 18
Holmes, John F.— <i>Tuned Floating Platform for Off-Shore Siting of Bulk Power Facilities</i> , ASME Annual Meeting. (Charles R. Fink)	Feb.	1972	21	Lee, S. Y.— <i>Environmental Effects on the High Temperature Corrosion of Superalloys in Present and Future Gas Turbines</i> , ASME Annual Meeting. (W. E. Young and C. E. Hussey)	Feb. 1972 17
Horvath, J.— <i>Design and Test Evaluation of a Liquid Metal Regenerator for Gas Turbines</i> . (S. Moskowitz and S. Lombardo)	Apr.	1972	36	Lockwood, William A.— <i>Energy Financing—A Money Famine Ahead?</i>	Dec. 1971 32
Hubert, F. W. L.— <i>Large Combined Cycles for Utilities</i> . (H. J. Meima and A. R. J. Timmermans)	Jan.	1972	29	Loftness, Robert L.— <i>Nuclear Power Abroad: A Time of Change</i>	Aug. 1971 12
Hussey, C. E.— <i>Environmental Effects on the High Temperature Corrosion of Superalloys in Present and Future Gas Turbines</i> , ASME Annual Meeting. (S. Y.				Lombardo, S.— <i>Design and Test Evalua-</i>	

		Page			Page
tion of a Liquid Metal Regenerator for Gas Turbines. (S. Moskowitz and J. Horvath)	Apr.	1972	36	North, R. L.—Nine Years with Jet-Engined Generators.	May 1972 11
Long, J. M.—Low Temperature Rise Condensers. (W. E. Jones)	Sept.	1971	27	Oyen, Larry C.—Base Line Inspection of Quad-Cities Nuclear Power Station, ASME Annual Meeting.	Jan. 1972 22
Lusby, Walter S.—Electric Power Plant Effluent—Thermal Pollution or Energy at Bargain Price? ASME Annual Meeting. (Edward V. Somers)	Feb.	1972	22	Pakula, T. J.—Design and Operational Characteristics of a Combined Cycle Marine Power Plant (C. A. Merz)	May 1972 15
Lutz, M. W.—Large Circulating Pumps for Applications in Power Generating Stations, American Power Conf. (H. J. Kaiser)	Aug.	1971	22	Patterson, W. D.—Meeting Environmental Needs—Water Resources.	Oct. 1971 9
Lux, J. A.—A Field Survey of Internal Boiler Tube Corrosion in High Pressure Utility Boilers, American Power Conf. (H. A. Klein, W. L. Reidel, D. F. Noll and H. Phillips)	Aug.	1971	21	Pavel, John T.—Peaking Power-Combustion Turbines and Steam Generators. (Franklin R. Jackson and John N. Kovacic)	Sept. 1971 17
MacAllister, F. C.—The Case for Condensate Filtration in Marine Power Plants. (J. J. Quinlan)	Feb.	1972	34	Pedotti, G. P.—Problems in Major Boiler Feed Pump Projects.	Mar. 1972 29
Malakhov, I. A.—Water Conditions in High Pressure Steam Generators When Condensers Are Cooled by Sea Water. (K. M. Abdullaev and K. A. Bragina)	Feb.	1972	24	Perry, R. E.—A Mechanical Collector Performance Test Report on an Oil-Fired Boiler.	May 1972 24
Marble, R. W.—Thermal Field Resulting from an Offshore-Submerged Nuclear Electric Power Generating Station, ASME Annual Meeting. (R. F. Robideau)	Jan.	1972	23	Perry, W. H.—Operation of EBR-II as Irradiation Facility, American Power Conf. (J. R. Davis)	July 1971 23
Markon, George—The Fuel and Energy Export Potential of the USSR Through 1980. (Dr. V. V. Strishkov and Zane E. Murphy)	Jan.	1972	6	Philips, T. A.—New Dimensions in Power System Planning, American Power Conf.	Aug. 1971 23
Meckel, Nelson T.—State of the Nuclear Power Industry, 1972. (Robert D. Wylie)	June	1972	10	Phillips, H.—A Field Survey of Internal Boiler Tube Corrosion in High Pressure Utility Boilers, American Power Conf. (H. A. Klein, J. A. Lux, W. L. Reidel and D. F. Noll)	Aug. 1971 21
Meima, H. J.—Large Combined Cycles for Utilities. (F. W. L. Hubert and A. R. J. Timmermans)	Jan.	1972	29	Plumley, A. L.—Fossil Fuel and the Environment—Present Systems and Their Emissions.	Oct. 1971 36
Melese-d'Hospital, G.—Fast Breeder Reactors with Direct Cycle Gas Turbines, American Power Conf. (P. Fortescue)	July	1971	20	Podeweltz, C. M.—Potential for Upgrading LWR's with Metallic Uranium Fuel, American Power Conf. (J. E. Jones, Jr., T. D. Anderson and F. G. Welfare)	July 1971 22
Merz, C. A.—Design and Operational Characteristics of a Combined Cycle Marine Power Plant. (T. J. Pakula)	May	1972	15	Quinlan, J. J.—The Case for Condensate Filtration in Marine Power Plants, (F. C. MacAllister)	Feb. 1972 34
Metzendorf, J. F.—Reliability in Industrial Boiler Design, American Power Conf. (J. L. Hutchings)	Aug.	1971	27	Read, G. W.—Acidproof Concrete Lining for Steel Stacks of Power Plants. (F. M. Veater)	Mar. 1972 24
Mitchell, E. R.—Fireside Corrosion and Pollutant Emission from Crude Oil Combustion, ASME Annual Meeting. (G. K. Lee, F. D. Friedrich and R. G. Draper)	Feb.	1972	17	Reidel, W. L.—A Field Survey of Internal Boiler Tube Corrosion in High Pressure Utility Boilers, American Power Conf. (H. A. Klein, J. A. Lux, D. F. Noll and H. Phillips)	Aug. 1971 21
Combustion and Fouling Characteristics of Two Canadian Lignites, ASME Annual Meeting. (F. D. Friedrich and G. K. Lee)	Feb.	1972	18	Rhodes, F. M.—Performance Testing of Industrial Power Equipment.	Feb. 1972 28
Miyazaki, M.—The Behavior of Ammonia in the Air Cooling Zone of Large Size Utility Unit Condensers and Methods for Preventing Ammonia Attacks, American Power Conf. (H. Aoyama and N. Iwai)	Aug.	1971	19	Richey, Herbert S.—Coal: Prospects and Problems.	Dec. 1971 12
Monroe, E. S., Jr.—Combustion Safety in Industrial Boilers.	Nov.	1971	35	Rogers, Franklyn C.—Underground Nuclear Power Plants Environmental and Economic Considerations, American Power Conf.	July 1971 28
Morrow, Norman L.—Instrumentation Available for the Measurement of Particulates, Sulfur Dioxide and Nitrogen Dioxides in the Ambient Atmosphere. (Rene R. Bertrand and Homer J. Hall)	Oct.	1971	32	Romanos, N. D.—Steam Generator Utilizing Steam Boundary to Transfer Heat from Sodium to Evaporating Water, American Power Conf. (B. W. Kinyon and G. A. Rutledge)	July 1971 19
Morton, A. J.—Pre-Service Component Testing of Steam Power and Process Plant.	Mar.	1972	6	Ross, F. Fraser—What Sulphur Dioxide Problem? (Preamble by T. T. Frankenberg)	Sept. 1971 6
Moskowitz, S.—Design and Test Evaluation of a Liquid Metal Regenerator for Gas Turbines. (J. Horvath and S. Lombardo)	Apr.	1972	36	Roughton, J. E.—A Review of Recent Advances in Boiler Instrumentation. (B. E. Noltingk)	July 1971 10
Murphy, Zane E.—The Fuel and Energy Export Potential of the USSR Through 1980. (V. V. Strishkov and George Markon)	Jan.	1972	6	Runyon, C. V.—Corrosion Protection of Boilers and Associated Equipment During Idle Periods, American Power Conf. (L. H. Vaughn)	Aug. 1971 19
Noll, D. F.—A Field Survey of Internal Boiler Tube Corrosion in High Pressure Utility Boilers, American Power Conf. (H. A. Klein, J. A. Lux, W. L. Reidel and H. Phillips)	Aug.	1971	21	Rutledge, G. A.—Steam Generator Utilizing Steam Boundary to Transfer Heat from Sodium to Evaporating Water, American Power Conf. (B. W. Kinyon and N. D. Romanos)	July 1971 19
Noltingk, B. E.—A Review of Recent Advances in Boiler Instrumentation. (J. E. Roughton)	July	1971	10	Sebald, Joseph F.—Characteristics, Classification and Incidence of Plumes from Large Natural Draft Cooling Towers. (George F. Bierman, George A. Kunder and Robert F. Visbisky)	Oct. 1971 25
				Shaw, Milton—Status Report U.S. LMFBR Program. (Wallace B. Behnke and James E. Watson)	June 1972 10
				Shiells, Daniel A.—New BWR Coolant Cleanup System Design and Features, ASME Annual Meeting.	Jan. 1972 24
				Shortt, J. H., Jr.—Gas Turbines for Spinning Reserve Synchronous Condenser	

		Page			Page		
Operation.	July	1971	29	Releases, American Power Conf. (W. A. Webb)	July	1971	26
Sikes, Philip G.—Concrete Chimney Design, Construction and Operation.	Feb.	1972	6	Watson, James E.—Status Report—U.S. LMFBR Program. (Wallace B. Behnke and Milton Shaw)	June	1972	22
Simens, Hugo G.—Progress Toward "As Low as Practicable," ASME Annual Meeting.	Jan.	1972	24	Webb, W. A.—PWR Nuclear Power Plant Systems for Reducing Radioactive Releases, American Power Conf. (H. J. von Hollen)	July	1971	26
Simon, Robert H.—The 300 MWe Gas-Cooled Fast Breeder Reactor Demonstration Plant, American Power Conf. (William N. Thomas)	July	1971	23	Welfare, F. G.—Potential for Upgrading LWR's with Metallic Uranium Fuel, American Power Conf. (J. E. Jones, Jr., T. D. Anderson and C. M. Podeweltz)	July	1971	22
Smith, James M.—Nuclear Plant Environmental Control, American Power Conf. (Clifford E. Kent)	July	1971	26	Wilcox, J. C., Jr.—Evaluation Techniques to Aid Purchasers of Industrial Boilers, American Power Conf.	Aug.	1971	26
Somers, Edward V.—Electric Power Plant Effluent—Thermal Pollution or Energy at Bargain Price?, ASME Annual Meeting. (Walter S. Lusby)	Feb.	1972	22	Winterson, Howard M.—Nuclear Power: Prospects and Problems	Dec.	1971	27
Squires, Arthur M.—Reordering Coal Engineering's Priority.	Dec.	1971	15	Wood, B.—Combined Cycles: A General Review of Achievements.	Apr.	1972	12
Stanisavlievici, L.—The "Magnetite" Layer and Boiler-Water Quality.	Nov.	1971	39	Wyllie, Robert D.—State of the Nuclear Power Industry, 1972. (Nelson T. Meckel)	June	1972	10
Stiede, Wayne L.—Experience in Licensing of Nuclear Power Plants (Henry E. Bliss)	June	1972	14	Wynot, William A.—Operating and Maintenance Problems Encountered with Electrostatic Precipitators, American Power Conf. (Joseph Greco)	Aug.	1971	22
Stevens, W. D.—Steam Generator Development for a Proposed 350 MWe Liquid Metal Fast Breeder Reactor Demonstration Plant, ASME Annual Meeting. (E. L. Daman, E. L. Zebroski and F. E. Tippets)	Jan.	1972	24	Young, W. E.—Environmental Effects on the High Temperature Corrosion of Superalloys in Present and Future Gas Turbines, ASME Annual Meeting. (S. Y. Lee and C. E. Hussey)	Feb.	1972	17
Stewart, J. C.—Computer Techniques for Evaluating Gas Turbine Heat Recovery Applications.	Apr.	1972	27	Young, William F.—Boiler Feed Pumps for Supercritical Operation.	Nov.	1971	22
Strishkov, Dr. V. V.—The Fuel and Energy Export Potential of the USSR Through 1980. (George Markon and Zane E. Murphy)	Jan.	1972	6	Zebroski, E. L.—Steam Generator Development for a Proposed 350 MWe Liquid Metal Fast Breeder Reactor Demonstration Plant, ASME Annual Meeting. (W. D. Stevens, E. L. Daman and F. E. Tippets)	Jan.	1972	24
Strom, S. S.—New Particle Size Measuring Probe—Application to Aerosol Collector and Emissions Evaluations, ASME Annual Meeting. (W. Downs)	Mar.	1972	21				
Sulliga, J.—Combined Start-up, Pressure Reduction and Safety Valves for Big Power Plant Sets. (H. Krost and K. Kuckelhaus)	Sept.	1971	32				
Swengel, F. M.—The Generation Gap, American Power Conf.	Aug.	1971	24				
Tankersley, G. J.—Gas and Government.	Dec.	1971	20				
Thomas, William N.—The 300 MWe Gas-Cooled Fast Breeder Reactor Demonstration Plant, American Power Conf. (Robert H. Simon)	July	1971	23				
Thoren, K. T. E.—Operating Experience with Large Industrial Utility Gas Turbines. (F. L. Arvidsson)	July	1971	34				
Timmermans, A. R. J.—Large Combined Cycles for Utilities. (F. W. L. Hubert and H. J. Meima)	Jan.	1972	29				
Tippets, F. E.—Steam Generator Development for a Proposed 350 MWe Liquid Metal Fast Breeder Reactor Demonstration Plant, ASME Annual Meeting. (W. D. Stevens, E. L. Daman and E. L. Zebroski)	Jan.	1972	24				
Todd, P.—Carbon Monoxide as a Combustion Control Parameter. (D. Anson, W. H. N. Clarke and A. T. S. Cunningham)	Mar.	1972	17				
Vaughn, L. H.—Corrosion Protection of Boilers and Associated Equipment During Idle Periods, American Power Conf. (C. V. Runyon)	Aug.	1971	19				
Veater, F. M.—Acidproof Concrete Lining for Steel Stacks of Power Plants. (G. W. Read)	Mar.	1972	24				
Vendryes, G.—French Fast Breeder. (R. Carle)	June	1972	44				
Vermes, Geza—Heavy Oil or Residual Oil—New Opportunity for the Utility Gas Turbine.	Apr.	1972	23				
Visbisky, Robert F.—Characteristics, Classification and Incidence of Plumes from Large Natural Draft Cooling Towers. (George F. Bierman, George A. Kunder and Joseph F. Sebald)	Oct.	1971	25				
Vogel, F.—Acceptance Testing.	May	1972	4				
von Hollen, H. J.—PWR Nuclear Power Plant Systems for Reducing Radioactive							

CLASSIFIED

Air Pollution

Air Pollution Control Through New Combustion Processes. By Shelton Ehrlich	Aug.	1971	36
Control of Air and Water Pollution from Municipal Incinerators with the Wet-Approach Venturi Scrubber, Amer. Power Conf. By W. Ellison	Aug.	1971	29
Environmental Effects on the High Temperature Corrosion of Superalloys in Present and Future Gas Turbines, ASME Annual Meeting. By S. Y. Lee, W. E. Young and C. E. Hussey	Feb.	1972	17
Instrumentation Available for the Measurement of Particulates, Sulfur Dioxide and Nitrogen Oxides in the Ambient Atmosphere. By Norman L. Morrow, Rene R. Bertrand and Homer J. Hall	Oct.	1971	33
Particulate and SO ₂ Control Technology for the Small and Medium-Fired Boiler. By A. V. Barron, Jr.	Oct.	1971	44
Particulate Matter? By Willard A. Crandall	Oct.	1971	15
Progress Toward "as Low as Practicable" ASME Annual Meeting. By Hugo G. Simens	Jan.	1972	24
What Sulphur Dioxide Problem? By F. Fraser Ross	Sept.	1971	6

Combined Cycles

Design and Operational Characteristics of a Combined Cycle Marine Plant. By C. A. Merz and T. J. Pakula	May	1972	15
Large Combined Cycles for Utilities. By F. W. L. Hubert, H. J. Meima and A. R. J. Timmermans	Jan.	1972	29

		Page
Condensers		
Low Temperature Rise Condensers. By J. M. Long and W. E. Jones	Sept. 1971	27
Cooling Towers		
Characteristics, Classification and Incidence of Plumes from Large Natural Draft Cooling Towers. By George F. Bierman, George A. Kunder, Joseph F. Sebal and Robert F. Visbisky	Oct. 1971	25
Design		
Combined Start-up, Pressure Reduction and Safety Valves for Big Power Plant Sites. By H. Krost, K. Kuckelhaus and J. Sulliga	Sept. 1971	32
Evaluation Techniques to Aid Purchasers of Industrial Boilers, <i>Amer. Power Conf.</i> By J. C. Wilcox, Jr.	Aug. 1971	26
The Generation Gap, <i>Amer. Power Conf.</i> By F. M. Swengel	Aug. 1971	24
New Dimensions in Power System Planning, <i>Amer. Power Conf.</i> By T. A. Phillips	Aug. 1971	23
Peaking Power Combustion Turbines and Steam Generators. By Franklin R. Jackson, John T. Pavel and John N. Kovachik	Sept. 1971	17
A Potassium-Binary Vapor Cycle for Better Fuel Economy and Reduced Thermal Pollution, <i>ASME Annual Meeting.</i> By A. P. Fraas	Feb. 1972	23
Reliability in Industrial Boiler Design, <i>Amer. Power Conf.</i> By J. L. Hutchings and J. F. Metzendorf	Aug. 1971	27
Tuned Floating Platform for Off-Shore Siting of Bulk Power Facilities, <i>ASME Annual Meeting.</i> By John F. Holmes and Charles R. Fink	Feb. 1972	21
Utilities Planning for a New Industrial Chemical Complex. By R. W. Greenwood	Nov. 1971	26
Dust Collection		
Determining Concentration and Nature of Particulate Matter in Stack Gases, <i>ASME Annual Meeting.</i> By Willard A. Crandall	Mar. 1972	22
A Mechanical Collector Performance Test Report on an Oil-Fired Power Boiler. By R. E. Perry	May 1972	24
New Particle Size Measuring Probe—Application to Aerosol Collector and Emissions Evaluations, <i>ASME Annual Meeting.</i> By W. Downs and S. S. Strom	Mar. 1972	21
Operating and Maintenance Problems Encountered with Electrostatic Precipitators, <i>Amer. Power Conf.</i> By Joseph Greco and William A. Wynot	Aug. 1971	22
Practical Problems in Efficiency Testing of Large Fly-Ash Precipitators, <i>ASME Annual Meeting.</i> By Charles A. Gallae	Mar. 1972	22
Specification Requirements for Electrostatic Precipitators. By Richard L. Herick	Oct. 1971	20
Environment		
Meeting Environmental Needs—Air Quality, Sound Control and Esthetics. By R. R. Bennett	Oct. 1971	12
Meeting Environmental Needs. Investment Costs.	Oct. 1971	8
Meeting Environmental Needs—Water Resources. By W. D. Patterson	Oct. 1971	9
Fuels		
An Approach to Energy Financing. By Edwin L. Kennedy	Dec. 1971	35

		Page
Parameter. By D. Anson, W. H. N. Clarke, A. T. S. Cunningham and P. Todd	Mar. 1972	17
Coal-Ash Composition as Related to High Temperature Fireside Corrosion and Sulphur Oxides Emission Control, <i>ASME Annual Meeting.</i> By R. W. Borio and R. P. Hensel	Feb. 1972	18
Coal Gasification Interests.	Dec. 1971	23
Coal: Prospects and Problems. By Herbert S. Richey	Dec. 1971	12
Coal Resources of the United States, January 1, 1967. By Paul Averitt	Dec. 1971	9
Combustion and Fouling Characteristics of Two Canadian Lignites, <i>ASME Annual Meeting.</i> By F. D. Friedrich, G. K. Lee and E. R. Mitchell	Feb. 1972	18
Combustion Safety in Industrial Boilers. By E. S. Monroe, Jr.	Nov. 1971	35
Energy Financing—A Money Famine Ahead? By William A. Lockwood	Dec. 1971	32
The European Community's Energy Policy.	Jan. 1972	19
Fireside Corrosion and Pollutant Emission from Crude Oil Combustion, <i>ASME Annual Meeting.</i> By G. K. Lee, E. R. Mitchell, F. D. Friedrich and R. G. Draper	Feb. 1972	17
Fossil Fuel and the Environment—Present Systems and Their Emissions. By A. L. Plumley	Oct. 1971	36
Gas and Government. By G. J. Tankersley	Dec. 1971	20
Nobody Controls the Coal Business.	Dec. 1971	11
The Oil Industry Knew	Dec. 1971	19
Options on the Way Into the Future. By Philip Sporn	Dec. 1971	8
Particulate and SO ₂ Control Technology for the Small and Medium Coal-Fired Boiler. By A. V. Barron, Jr.	Oct. 1971	44
Preparing Low Sulfur Residual Fuel Oils. By R. P. Gilmartin	May 1972	29
Reordering Coal Engineering's Priority. By Arthur M. Squires	Dec. 1971	15
77 Per Cent of Reserve	Dec. 1971	10
Summary—Energy Policy Issues for the United States During the Seventies. By Ellis L. Armstrong	Dec. 1971	38
A Summary of Oil, Problems, Potentials. By Otto N. Miller	Dec. 1971	16
Two Years Experience in Handling and Burning No. 6 Low Sulfur Fuel Oil. By E. V. Dieker	Jan. 1972	34
Gas Turbines		
Combined Cycles: A General Review of Achievements. By B. Wood	Apr. 1972	12
Computer Techniques for Evaluating Gas Turbine Heat Recovery Applications. By J. C. Stewart	Apr. 1972	27
Design and Test Evaluation of a Liquid Metal Regenerator for Gas Turbines. By S. Moskowitz, J. Horvath and S. Lombardo	Apr. 1972	36
Environmental Effects on the High Temperature Corrosion of Superalloys in Present and Future Gas Turbines, <i>ASME Annual Meeting.</i> By S. Y. Lee, W. E. Young and C. E. Hussey	Feb. 1972	17
Gas Turbines for Spinning Reserve/Synchronous Condenser Operation, <i>Amer. Power Conf.</i> By J. H. Shortt, Jr.	July 1971	29
Heavy Oil or Residual Oil—New Opportunity for the Utility Gas Turbine. By Geza Vermes	Apr. 1972	23
Nine Years with Jet-Engined Generators. By R. L. North	May 1972	11
Operating Experience with Large Industrial Utility Gas Turbines. By F. L. Arvidsson and K. T. E. Thoren	July 1971	34
Peaking Power Combustion Turbines and Steam Generators. By Franklin R. Jackson, John T. Pavel and John N. Kovachik	Sept. 1971	17
Proposed Gas Turbine Procurement Standard: Maintenance Considerations. By R. W. Foster-Pegg	Apr. 1972	44

Instruments & Controls

Instrumentation Available for the Measurement of Particulates, Sulfur Dioxide and Nitrogen Oxides in the Ambient Atmosphere. By Norman L. Morrow, Rene R. Bertrand and Homer J. Hall	Oct.	1971	33
A Review of Recent Advances in Boiler Instrumentation. By J. E. Roughton and B. E. Noltingk	July	1971	10

Nuclear Energy

Base Line Inspection of Quad-Cities Nuclear Power Station, <i>ASME Annual Meeting</i> . By Larry C. Oyen	Jan.	1972	22
Description of 350 MWe Liquid Metal Fast Breeder Demonstration Plant, <i>Amer. Power Conf.</i> By L. F. Fidrych	July	1971	24
Experience in Licensing of Nuclear Power Plants. By Henry E. Bliss and Wayne L. Stiede	June	1972	14
Fast Breeder Reactors with Direct Cycle Gas Turbines, <i>Amer. Power Conf.</i> By G. Melese-d'Hospital and P. Fortescue	July	1971	20
Fast Breeder Reactor Vessel Analysis, <i>Amer. Power Conf.</i> By G. L. Fox	July	1971	21
French Fast Breeder. By G. Vendryes and R. Carle	June	1972	44
The Fuel and Energy Export Potential of the USSR Through 1980. By Dr. V. V. Strishkov, George Markon and Zane E. Murphy	Jan.	1972	6
High Temperature Gas-Cooled Reactor Fuel Costs Today and Tomorrow, <i>ASME Annual Meeting</i> . By D. H. Lee, Jr. and S. Jaye	Jan.	1972	22
International Developments in Alternative Coolant Fast Breeder Reactors. By C. P. Gratton	June	1972	38
New BWR Coolant Cleanup System Design and Features, <i>ASME Annual Meeting</i> . By Daniel A. Shiells	Jan.	1972	24
Nuclear Plant Environmental Control, <i>Amer. Power Conf.</i> By James M. Smith and Clifford E. Kent	July	1971	26
Nuclear Power Abroad: A Time of Change. By Robert L. Loftness	Aug.	1971	12
Nuclear Power: Prospects and Problems. By Howard M. Winterson	Dec.	1971	27
Operation of EBR-II as Irradiation Facility, <i>Amer. Power Conf.</i> By J. R. Davis and W. H. Perry	July	1971	23
Performance of Internal Steam Separation System in Boiling Water Reactor, <i>Amer. Power Conf.</i> By E. L. Burley	July	1971	21
Potential for Upgrading LWR's with Metallic Uranium Fuel, <i>Amer. Power Conf.</i> By J. E. Jones, Jr., T. D. Anderson, C. M. Podeweltz and F. G. Welfare	July	1971	22
Problems with HFIR Control Rod Drives and Their Solutions, <i>Amer. Power Conf.</i> By A. A. Abbatiello and A. P. Fraas	July	1971	20
PWR Nuclear Power Plant Systems for Reducing Radioactive Releases, <i>Amer. Power Conf.</i> By H. J. von Hollen and W. A. Webb	July	1971	26
State of the Nuclear Power Industry, 1972. By Robert D. Wylie and Nelson T. Meckel	June	1972	10
Status Report—U.S. LMFBR Program. By Wallace B. Behnke, Milton Shaw and James E. Watson	June	1972	22
Steam Generator Development for a Proposed 350 MWe Liquid Metal Fast Breeder Reactor Demonstration Plant, <i>ASME Annual Meeting</i> . By W. D. Stevens, E. L. Daman, E. L. Zebroski and F. E. Tippets	Jan.	1972	24
Steam Generator Utilizing Steam Boundary to Transfer Heat from Sodium to Evaporating Water, <i>Amer. Power Conf.</i> By B. W. Kinyon, N. D. Romanos and G. A. Rutledge	July	1971	19
Thermal Field Resulting from an Offshore-Submerged Nuclear Electric Power Generating Station, <i>ASME Annual Meeting</i> . By R. W. Marble and R. F. Robideau	Jan.	1972	23

Page

The 300 MWe Gas-Cooled Fast Breeder Reactor Demonstration Plant, <i>Amer. Power Conf.</i> By William N. Thomas and Robert H. Simon	July	1971	23
Underground Nuclear Power Plants Environmental and Economic Considerations, <i>Amer. Power Conf.</i> By Franklyn C. Rogers	July	1971	28
Uranium Resources, Production and Demand. By L. W. Boxer	Dec.	1971	24
Westinghouse Liquid Metal Fast Breeder Reactor Demonstration Plant Design, <i>Amer. Power Conf.</i> By W. M. Jacobi	July	1971	25
The Who, What, Why, When and Where of Fast Breeder Reactors.	June	1972	19

Page

Operating Experience

Acceptance Testing. By F. Vogel	May	1972	4
Carbon Monoxide as a Combustion Control Parameter. By D. Anson, W. H. N. Clarke, A. T. S. Cunningham and P. Todd	Mar.	1972	17
Nonradioactive Tracer for Performance Tests of Steam Turbines in PWR Systems, <i>ASME Annual Meeting</i> . By N. R. Deming and R. W. Feldman	Mar.	1972	21
Performance Testing of Industrial Power Equipment. By F. M. Rhodes	Feb.	1972	28
Pre-Service Component Testing of Steam Power and Process Plant. By A. J. Morton	Mar.	1972	6

Piping

Combined Start-up, Pressure Reduction and Safety Valves for Big Power Plant Sites. By H. Krost, K. Kuckelhaus and J. Sulliga	Sept.	1971	32
--	-------	------	----

Pumps

Boiler Feed Pumps for Supercritical Operation. By William F. Young	Nov.	1971	22
Large Circulating Pumps for Application in Power Generating Stations. By H. J. Kaiser	Sept.	1971	12
Large Circulating Pumps for Applications in Power Generating Stations, <i>Amer. Power Conf.</i> By H. J. Kaiser and M. W. Lutz	Aug.	1971	22
Problems in Major Boiler Feed Pump Projects. By G. P. Pedotti	Mar.	1972	29

Solar Energy

Highlights of 1971 International Solar Energy Society Meeting, <i>ASME Annual Meeting</i> . By Erich A. Farber	Feb.	1972	19
The Solar Era—A Preview, <i>ASME Annual Meeting</i> . By Leon P. Gaucher	Feb.	1972	19

Stacks

Acidproof Concrete Lining for Steel Stacks of Power Plants. By G. W. Read and F. M. Veater	Mar.	1972	24
Concrete Chimney Design, Construction and Operation. By Philip G. Sikes	Feb.	1972	6

Thermal Pollution

Electric Power Plant Effluent—Thermal Pollution or Energy at Bargain Price, <i>ASME Annual Meeting</i> . By Walter S. Lusby and Edward V. Somers	Feb.	1972	22
A Potassium-Binary Vapor Cycle for Better Fuel Economy and Reduced Thermal Pollution, <i>ASME Annual Meeting</i> . By A. P. Fraas	Feb.	1972	23

		Page			Page
Testing					
Pre-Service Component Testing of Steam Power and Process Plant. By A. J. Morton	Mar.	1972	6	ing Zone of Large Size Utility Unit Condensers and Methods of Preventing Ammonia Attacks, <i>Amer. Power Conf.</i> By H. Aoyama, N. Iwai and M. Miyazaki ..	Aug. 1971 19
Turbine-Generators				Corrosion Protection of Boilers and Associated Equipment During Idle Periods, <i>Amer. Power Conf.</i> By C. V. Runyon and L. H. Vaughn	Aug. 1971 19
On-Load Cleaning of Steam Turbine Blading. By F. G. Keogh	Nov.	1971	12	A Field Survey of Internal Boiler Tube Corrosion in High Pressure Utility Boilers, <i>Amer. Power Conf.</i> By H. A. Klein, J. A. Lux, W. L. Reidel, D. F. Noll and H. Phillips	Aug. 1971 21
Peaking Power Combustion Turbines and Steam Generators. By Franklin R. Jackson, John T. Pavel and John N. Kovacik	Sept.	1971	17	The "Magnetite" Layer and Boiler-Water Quality. By L. Stanisavlievici	Nov. 1971 39
Unconventional Power Generators				A Method for Determining Need for Chemical Cleaning of High Pressure Boilers, <i>Amer. Power Conf.</i> By K. L. Atwood and G. L. Hale	Aug. 1971 18
Review of MHD Power Situation, <i>ASME Annual Meeting</i> . By J. B. Dicks	Feb.	1972	20	Water Conditions in High Pressure Steam Generators When Condensers Are Cooled by Sea Water. By K. M. Abdullaev, K. A. Bragina and I. A. Malakhov	Feb. 1972 24
Valves				Misc.	
Combined Start-up, Pressure Reduction and Safety Valves for Big Power Plant Sites. By H. Krost, K. Kuckelhaus and J. Sulliga	Sept.	1971	32	The Solar Era—A Preview, <i>ASME Annual Meeting</i> . By Leon P. Gaucher	Feb. 1972 19
Water Conditioning				The "Unitized" Thermoelectric Module Concept, <i>ASME Annual Meeting</i> . By Phillip E. Eggers	Feb. 1972 19
The Behavior of Ammonia in the Air Cool-					

